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10/805,043

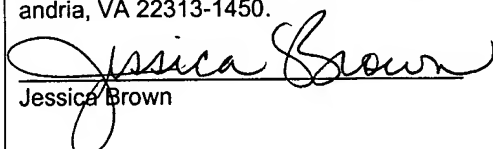


**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

CERTIFICATE OF MAILING

I hereby certify that on March 14, 2005, which is the date I am signing this certificate, I am depositing this correspondence the United States Postal Service, first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Jessica Brown

**Applicant:** William Henry MOORE

**Serial No.:** 10/805,043

**Filed:** March 19, 2004

**Title:** SWITCHED REACTANCE  
MODULATED E-CLASS  
OSCILLATOR

**Atty. Docket No.** 064693-0106

**Examiner:** Unknown

**Group Art Unit:** 2817

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.56**

Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, Applicant brings the references listed on the attached Form PTO-1449 to the examiner's attention, 37 C.F.R. § 1.56. These references may be material to examination of the above-identified application. Please do not construe the filing of this information disclosure statement as a representation that applicant has made a search (37 C.F.R. § 1.97(g)), or as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. We enclose copies of the non-patent cited documents.

This Information Disclosure Statement is being submitted:

- ☒ 1. Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office action on the merits, and therefore, Applicant believes no fee is required;
- ☐ 2. After the period specified in paragraph (1) hereinabove of this section, but is being filed before the mailing date of either a final action under 37 CFR 1.113, or a notice of allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and is accompanied by one of the following:

☐ (a) A statement that either:

(i) Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;

OR

(ii) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement;

OR

☐ (b) The fee of \$180 for filing of an Information Disclosure Statement as set forth in 37 C.F.R. 1.17(p).

☐ 3. After the period specified in paragraph (2) of this section, but is filed on or before payment of the issue fee and is accompanied by both:

☐ (a) A statement that either:

(i) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;

OR

(ii) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement;


☐ (b) The fee of \$180.00 for filing of an Information Disclosure Statement as set forth in 37 CFR 1.17(p).

Applicant would appreciate the Examiner initialing and signing a copy of Form PTO-1449, transmitted herewith, indicating that the information has been considered and made of record herein.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the

cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 501946** referencing order number **064693-0106**.

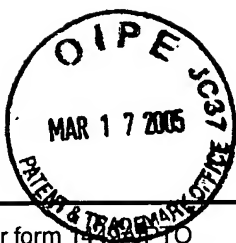
March 14, 2005



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<b>Substitute for form PTO/SB/08A</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	10/805,043
				<b>Filing Date</b>	March 19, 2004
				<b>First Named Inventor</b>	William Henry MOORE
				<b>Art Unit</b>	2817
				<b>Examiner Name</b>	Unknown
<b>Sheet</b>	1	<b>of</b>	3	<b>Attorney Docket Number</b>	64693-106

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number -Kind Code <sup>2</sup> (if known)	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	1	US-3,617,646	11-02-1971	KNOLLMAN
	2	US-3,682,160	08-08-1972	MURATA
	3	US-3,995,234	11-30-1976	TUCCINARDI
	4	US-4,218,772	08-19-1980	SIELMAN et al
	5	US-4,245,178	01-13-1981	JUSTICE
	6	US-4,321,706	03-23-1982	CRAFT
	7	US-4,539,531	09-03-1985	THOMAS et al
	8	US-4,553,110	11-12-1985	KLEINBERG
	9	US-4,553,882	08-06-1985	SHIMBARA
	10	US-4,596,022	06-17-1986	STONER
	11	US-4,743,789	05-10-1988	PUSKAS
	12	US-4,814,962	03-21-1989	MAGALHAES et al.
	13	US-4,833,427	05-23-1989	LEUTHOLD et al.
	14	US-4,916,380	04-10-1990	BURROUGHS
	15	US-5,053,723	10-01-1991	SCHEMMEL
	16	US-5,193,539	03-16-1993	SCHULMAN et al
	17	US-5,193,540	03-16-1993	SCHULMAN et al
	18	US-5,324,316	06-24-1994	SCHULMAN et al
	19	US-5,405,367	04-11-1995	SCHULMAN et al
	20	US-5,414,741	05-09-1995	JOHNSON
	21	US-5,438,302	08-01-1995	GOBLE
	22	US-5,486,794	01-23-1996	WU et al.
	23	US-5,506,547	04-09-1999	ISHIKAWA
	24	US-5,543,754	08-06-1996	ONODERA
	25	US-5,643,332	07-01-1997	STEIN, R. B.
	26	US-5,666,279	09-09-1997	TAKEHARA et al.
	27	US-5,697,076	12-09-1997	TROYK et al.
	28	US-5,766,232	06-16-1998	GREVIOUS et al.
	29	US-5,798,616	08-25-1998	TAKEHARA et al.
	30	US-5,838,203	11-17-1998	STAMOULIS et al.

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/805,043
				Filing Date	March 19, 2004
				First Named Inventor	William Henry MOORE
				Art Unit	2817
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket Number	64693-106

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	31	US-5,872,703	02-16-1999	WILLIAMS et al.
	32	US-6,016,257	01-18-2000	CHANG et al.
	33	US-6,046,650	04-04-2000	LICHTERFIELD
	34	US-6,051,017	04-18-2000	LOEB et al
	35	US-6,064,277	05-16-2000	GILBERT
	36	US-6,073,050	06-06-2000	GRIFFITH
	37	US-6,215,365	04-10-2001	KURKOVSKIY
	38	US-6,225,873	05-01-2001	HILL
	39	US-6,229,406	05-08-2001	WANG
	40	US-6,239,665	05-29-2001	STROM
	41	US-6,255,913	07-03-2001	WANG
	42	US-6,268,777	07-31-2001	WELCH
	43	US-6,275,539	08-14-2001	KULHA
	44	US-6,456,169	09-24-2002	OSHITA et al.
	45	US-6,462,964	10-08-2002	PORTER et al.
	46	US-6,469,587	10-22-2002	SCOGGINS
	47	US-6,509,805	01-21-2003	OCHIAI
	48	US-6,538,521	03-25-2003	KOBAYASHI et al.
	49	US-6,539,253	03-25-2003	THOMPSON et al.
	50	US-6,545,554	04-08-2003	ROZENBLIT et al.
	51	US-6,553,263	04-22-2003	MEADOWS et al.
	52	US-6,593,822	07-15-2003	NAKANO et al.
	53	US-6,593,825	07-15-2003	WASHBURN
	54	US-6,606,006	08-12-2003	ALEXANDERSSON
	55	US-6,614,288	09-02-2003	DAGAN et al.
	56	US-6,621,365	09-16-2003	HALLIVUORI et al.

Examiner Signature		Date Considered	
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				First Named Inventor	William Henry MOORE
				Art Unit	2817
				Examiner Name	Unknown
Sheet	3	of	3	Attorney Docket Number 64693-106	

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	57	LOEB et al. "Design and Fabrication of Hermetic Microelectronic Implants", Alfred E. Mann Institute for Biomedical Engineering, University of Southern California, (10/12/2000), presented at Microtechnology Conference, Lyons, France	
	58	NARDIN, Mark D., A Programmable Multichannel Microstimulator with Bi-Directional Telemetry, Technical Report No 254, Jan. 1996, Dept of Electrical Engineering & Computer Science, The University of Michigan, Ann Arbor. USA pp. 36-47 160-165	
	59	TROYK et al. "Class E Driver for Transcutaneous Power and Data link for Implanted Electronic Devices" Illinois Institute of Technology, Medical & Biological Engineering & Computing, (1992), 30., pp. 69-75	

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